

REMARKS

Claims 1, 3-7, 9-13, 15-19 and 21-24 are pending in the present application. Claims 1, 3-7, 9-13, 15-19 and 21-24 have been examined and are rejected. In the above amendments, claims 1, 6, 7, 13, 18 and 19 have been amended. Therefore, after entry of the above amendments, claims 1, 3-7, 9-13, 15-19 and 21-24 will be pending in this application. Applicant believes that the present application is now in condition for allowance, which prompt and favorable action is respectfully requested.

Rejection of Claims 1, 3-7, 9, 10, 12, 13, 15-19, 21, 22 and 24 Under 35 U.S.C. §103(a)

Claims 1, 3-7, 9, 10, 12, 13, 15-19, 21, 22 and 24 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Kato *et al* (U.S. Patent No. 6,263,202) in view of Ho *et al* (U.S. Patent No. 5,805,298).

Kato discloses a communication system having three operating modes: reproduction of a message by voice, sending of a message by characters, and sending by electronic mail. (See column 4, lines 50-54.) FIG. 2 shows a functional block diagram of message reproduction by voice. In FIG. 2, a voice signal converted by a microphone **1201** is further converted into a transmission character sequence (message information) by a voice recognition section **1202** and is then input to an electronic mail transmission section **1203**. Section **1203** sends the message information to a remote device determined by transmission information input. (See column 4, line 55 to column 5, line 4.)

Ho discloses a communication device that recognizes a destination identifier identifying a remote communication device as either a facsimile device or an e-mail device and transmits a document in accordance with the communications protocol utilized by the identified device. (See the Abstract.) A voice recognition module may be used for entry of destination identifiers and operational commands. (See column 4, line 55 to column 5, line 6.)

Claim 1 of the present invention, as amended, recites:

“A system for data entry in a wireless communication device, the system comprising:
an audio-input device to receive audio-data;
a voice-recognition engine to receive and analyze the audio-data, wherein the voice-recognition engine is configured to interpret the audio-data as matching a selected one of a set of alphanumeric characters to use in conjunction with the operation of the wireless

communication device and to further interpret the audio-data as matching a selected one of a set of commands, the set of commands comprising at least one command for configuring the voice-recognition engine in interpreting the audio-data;

a memory to store the selected alphanumeric character for subsequent use in conjunction with the operation of the wireless communication device; and
a processor to execute the selected command.”

Applicant submits that claim 1 is patentable over Kato in view of Ho for at least the following reasons.

First, the combination of Kato and Ho does not disclose “a voice-recognition engine ... to further interpret the audio-data as matching a selected one of a set of commands, the set of commands comprising at least one command for configuring the voice-recognition engine in interpreting the audio-data,” as recited in claim 1. Paragraph [0025] of the present application gives some example commands for configuring the voice-recognition engine. In particular, a “Name” command configures voice-recognition engine **122** to interpret subsequent audio-data as an address identifier. A “Number” command configures voice-recognition engine **122** to interpret subsequent audio-data as matching a selected one of a set of alphanumeric characters. Neither Kato nor Ho discloses this feature of claim 1.

Second, the combination of Kato and Ho does not disclose “a memory to store the selected alphanumeric character for subsequent use in conjunction with the operation of the wireless communication device,” as recited in claim 1. In Kato, a voice signal is converted into message information and is sent by transmission section **1203**. This message information is not stored for subsequent use in conjunction with the operation of terminal **12**. In Ho, the voice recognition module receives voice input and provides destination identifiers and operational commands used to send documents. The destination identifiers and commands are not stored for subsequent use. Thus, neither Kato nor Ho discloses this feature of claim 1.

For at least the above reasons, Applicant submits that claim 1 is patentable over Kato in view of Ho. Claims 3-6 are dependent on claim 7 and are patentable for at least the reasons noted for claim 1. These dependent claims may recite additional features not disclosed by the combination of Kato and Ho.

Claim 7 of the present invention, as amended, recites:

“A system for storing address information in a wireless communication device, the system comprising:

an audio-input device to receive audio-data;

a voice-recognition engine to receive and analyze the audio-data, wherein the voice-recognition engine is configured to interpret the audio-data as matching a selected one of a set of alphanumeric characters;

a processor to associate an address-identifier in an electronic phone book with a plurality of selected alphanumeric characters; and

a memory to store the plurality of selected alphanumeric characters in association with the associated address-identifier in the electronic phone book for subsequent use in conjunction with the operation of the wireless communication device, wherein the voice-recognition engine is further configured to interpret the audio-data as matching a selected one of a set of commands to process the plurality of selected alphanumeric characters and the associated address-identifier, the processor executing the selected command.”

Applicant submits that claim 7 is patentable over Kato in view of Ho for at least the following reasons.

First, the combination of Kato and Ho does not disclose “a processor to associate an address-identifier in an electronic phone book with a plurality of selected alphanumeric characters,” as recited in claim 7. The use of an electronic phone book is disclosed in paragraph [0023] of the present application. Ho discloses entry of destination identifiers for remote devices to which documents are sent. Ho does not disclose use of an electronic phone book nor associating an address-identifier with selected alphanumeric characters.

Second, the combination of Kato and Ho does not disclose “a memory to store ... in the electronic phone book for subsequent use in conjunction with the operation of the wireless communication device,” as recited in claim 7. Neither Kato nor Ho discloses this feature of storing information for subsequent use, as discuss above for claim 1.

For at least the above reasons, Applicant submits that claim 7 is patentable over Kato in view of Ho. Claims 9, 10 and 12 are dependent on claim 7 and are patentable for at least the reasons noted for claim 7. These dependent claims may recite additional features not disclosed by the combination of Kato and Ho.

Independent claims 13 and 19 have been amended to recite features similar to those noted above for claims 1 and 7, respectively. Claims 15-18 are dependent on claim 13, and

claims 21, 22 and 24 are dependent on claim 19. These claims are patentable for reasons similar to those noted above for claims 1 and 7.

Accordingly, the §103(a) rejection of claims 1, 3-7, 9, 10, 12, 13, 15-19, 21, 22 and 24 should be withdrawn.

Rejection of Claims 11 and 23 Under 35 U.S.C. §103(a)

Claims 11 and 23 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Kato in view of Ho and further in view of Levine (U.S. Patent No. 6,792,082).

Claim 11 is dependent on claim 7, and claim 23 is dependent on claim 19. The combination of Kato and Ho does not disclose all of the elements of claims 7 and 19 for the reasons noted above and is thus an insufficient basis for the §103(a) rejection of claims 11 and 23. The Levine reference does not address the deficiencies of the Kato and Ho references.

Accordingly, the §103(a) rejection of claims 11 and 23 should be withdrawn.

CONCLUSION

In light of the amendments contained herein, Applicant submits that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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